

cc2300 & cc3300 Carrier Grade Server Software & Setup Reference Guide



Mfg. P/N: A6898-96004



Start Here

Thank you for buying a Hewlett Packard cc2300/cc3300 Carrier Grade Server. The following information will help you set up your server.

Expanded installation instructions and complete product information are available on the *hp cc2300 and cc3300 user information diagnostics and utilities CD*, available on the CD-ROM shipped with your cc2300/cc3300 server.

Before you Begin

You will need the following tools and equipment:

Box Contents

Server

Power Cable & Y-Cable

Documentation

NOTE: Software CDs are delivered in a separate box.

Software

Supplied by Customer

Monitor

Keyboard

Mouse

Additional I/O Cards

Needle-nosed pliers

Phillips* screwdriver

Anti-static wrist strap

Attach to Antistatic Connection on system front panel. See Step 1 on Hardware Reference Guide for location.

See the HP cc3300/cc2300 Carrier Grade Server Product Users Guide for product safety and EMC regulatory compliance information.

If you are not familiar with ESD (Electro-Static Discharge) Procedures to be used during system configuration, complete ESD Procedures are described in your HP cc2300/cc3300 Carrier Grade Server Product Users Guide.

CD Contents

hp server cc3300 and cc2300 user information diagnostics and utilities (Resource CD):
ISC (Intel Server Control) server management tools. ISC provides real time monitoring, error detection and alerting for server hardware.
Complete cc2300 & cc3300 documentation set. Includes ISC Install & User Guides, cc2300 & cc3300 Product Guides and more.
cc2300 & cc3300 Carrier Grade Server training workshop.
Supported I/O adapter list, documentation and drivers.

cc2300 and cc3300 installation and recovery cd (Linux Enablement Kit (LEK)) - if ordered:
Linux Installation and Recovery CD (this requires the separate purchase of Red Hat 7.1)
Linux Source Code CD

1 Setting up the Hardware

A) Carefully unpack the server. Save all packing materials in case server needs to be shipped at a later time.

B) Add additional hardware, if you have any. Refer to the **Hardware Reference Guide** for further information.

C) Connect the Keyboard and Mouse cables to the HP 'Y' connector.

D) Connect the Video Monitor cable.

E) Connect the Keyboard/Mouse 'Y' connector to the server.

F) Connect AC or DC power. Make sure that the power service connection is through a properly grounded outlet.

G) You are now ready to install the OS.

External Storage

To connect external storage to the cc2300 and cc3300 servers, please refer to the following documents.

For Cables, terminators and hardware connection: See document "hp surestore Disk System 2100 User Manual"

External storage devices supported on cc2300 & cc3300:
Storage system: hp surestore disk system 2100 (A5675A)
hp surestore disk system 2105 (Y1770A)
Disk options for hp surestore: 18Gb 10k rpm LVD disk module (A6537A)
18Gb 15k rpm LVD disk module (A6540A)
36Gb 10k rpm LVD disk module (A6538A)
36Gb 15k rpm LVD disk module (A6541A)

2 Installing Linux

What's Needed

- Linux Install CD (Red Hat 7.1 or RH Enterprise Linux AS 2.1)
- Linux Installation and Recovery CD
- Linux for hp carrier grade servers cc3300/cc2300 installation and recovery CD booklet

Steps to take

- Refer to <http://www.software.hp.com> for any updates on these procedures.
- 1) Boot order will need to be changed to boot from CD. Please refer to changing boot order below.
- 2) Boot server from the Linux Installation and Recovery CD
 - Power on the Server
 - Insert *Linux Installation and Recovery CD*
- 3) Select 'install Red Hat Linux' from menu
- 4) Follow on-screen instructions
- 5) Use separately obtained Red Hat 7.1 Linux CD when prompted
- Refer to *Linux for hp carrier grade servers cc3300/cc2300 installation and recovery cd* booklet for more details

NOTE: HP recommends using the *Custom Red Hat installation option*. If the *Server installation option* is chosen, automatic partitioning will destroy the Service Partition. Use one of the manual partitioning options instead.

3 Installing Windows

What's Needed

- Windows 2000 Advanced Server Install CD
- Drivers for I/O Cards (Resource CD)

Steps to take

- Refer to <http://www.software.hp.com> for any updates on these procedures.
- 1) Boot order will need to be changed to boot from CD. Please refer to changing boot order below.
- 2) Boot server from the Windows 2000 installation CD
 - Power on the Server
 - Insert *Windows 2000 installation CD*
- 3) Follow on-screen instructions
 - Refer to Microsoft installation documentation for additional information
- 4) After completing the Windows installation, install device drivers from *hp server cc3300/cc2300 resource cd*

Restoring System Defaults

Rebuilding Service Partition

- 1.) Power on your system and insert the *hp servers cc3300 and cc2300 users information diagnostics and utilities cd* in the CD ROM drive.
- 2) Select 'Utilities' from the menu options
- 3) Highlight 'Run Service Partition Administrator' from the drop down list.
- 4) Press '3' on the 'Service Partition Administration Menu' to create the service partition. At the conclusion of this process, the system will automatically reboot.
- 5) After rebooting from step 4, repeat steps 2-3. Press '4' to format the service partition and install the partition software. After completion, remove the Resource CD and reboot the system.

Restoring BIOS settings

- 1) After rebooting, you will see this prompt press <F2> to enter setup.
- 2) Once inside the BIOS menu press <F9>.
- 3) Press <F10> to Save and exit Setup.

Changing Boot Order

To change boot order, please follow this procedure:

- 1) After rebooting, you will see this prompt press <F2> to enter setup. Press <F2>
- 2) Once inside the BIOS menu press <right arrow key> to select *Boot Menu*.
- 3) Press <down arrow> to select *Boot Device Priority Item*. Press <Enter>
- 4) Press <Enter> to select *1st boot Device*.
- 5) Press <down arrow> to select *ATAPI CD-ROM*. Press <Enter> to select
- 3) Press <F10> to Save and exit Setup.

Need More Info?

The following websites provide additional information and documentation about this server along with the latest downloadable firmware. Do key word search on cc2300 ore cc3300 at:

<http://www.hp.com/>
for product information

<http://docs.hp.com/>
for additional documentation

<http://www.software.hp.com/>
for any available downloadable drivers, firmware or bios updates

You can also search HP's Support Web Site for information about the server or supported operating systems.
<http://www.itrc.com/>

© 2003 Hewlett-Packard Development Company, L.P. All rights reserved.